

Mission Planning Systems Engineering and Integration Contract (SEIC)



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Mission Planning Industry Day - 9 Jan

03



Why Do We Need a SEIT Contractor?

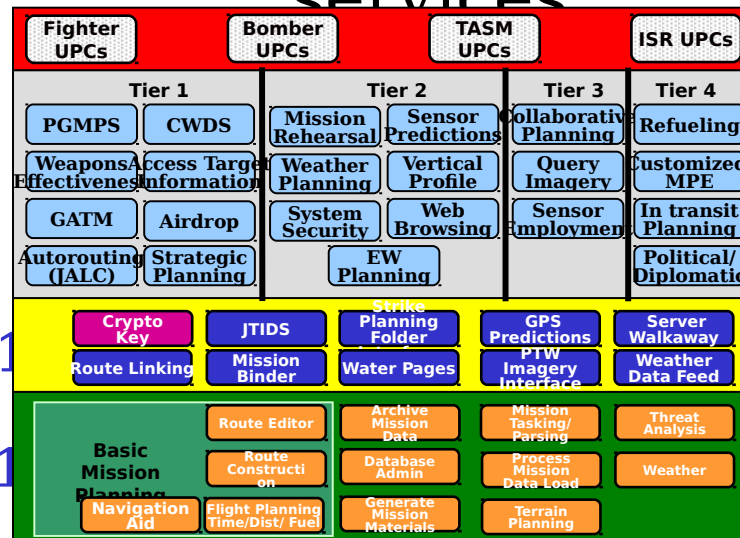
JMPS is entering a period of rapid growth with dozens of concurrent, interrelated software developments across multiple contractors and services

UPCs

Common Capabilities

Combat 1

Version 1



The Mission Planning Enterprise needs to complement its SEIT team with industry expertise to foster this growth, ensure all the individual efforts work together, and allow for a smooth migration from legacy systems



JMPS Organization

Joint Enterprise Management Team (JEMT)

JMPS IPT Lead
CDR Bellini

**Army JMPS PM/
Lead Engineer**

**Air Force JMPS PM/
Lead Engineer**

**Navy JMPS PM/
Lead Engineer**

**SOCOM PM/
Lead Engineer**

**SEIC
Contractor**
TBD

Systems Engineering and Integration Team (SEIT)

Army Reps

**Air Force
Reps**

Navy Reps

**SOCOM
Reps**

**Developer
Reps**

JMPS SEIT Will Be a Distributed Gov't and Industry Team



Typical Product Responsibilities

Future Requirements Management Assist	Program Management					
	Systems Requirements Analysis	Req. and Design Compliance	Integration Test	System Test	Operational Test	Warfighter Use
	Assist	Assist	Assist	Assist	Assist	Assist

Gov't Program Management

- Future Requirements Management
- Program Planning
- Controlling the Technical Effort
- Product Line Evolution Management
- Contract Management
- Program Funding
- Risk Management

Typical Products

- Risk Management Process
- Requirements Process

Developers

- HW/SW Requirements Analysis
- HW/SW Design
- Design Component
- Design Capability
- Component Test
- Capability Testing
- Risk Management
- Technical Rules, Standards
- Metrics
- Training inputs

Typical Products

- Software Requirements
- Specification
- Interface Design Documentation
- Programmers Guide
- Component test procedures
- COE compliance Level 6
- Security compliance &

SEIT

- Integration
- Requirements Analysis
- Architecture and Design Guidance
- System Evolution Management
- Understanding UPC Customer Needs
- CM DM QA Ilities
- Cost, Schedule, Performance, Quality
- Risk Management
- Process Definition and Management
- User Support
- Engineering Management
- Government Program Man. Support
- Developer Support
- Maintain close coordination

Typical Products

- Top-level Architecture
- Integrated Master Schedule
- Metric reports
- Data Model
- CM Plan



Market Research

Request for Information (RFI)

- Published RFI (HERBB, FedBizOpps) on 22 Nov 02
- Initial announcement to Industry
- Shared our initial thoughts, sought feedback and input
- 14 companies' responses received by 23 Dec due date

Sources Sought Synopsis (SSS)

- Published SSS (HERBB, FedBizOpps) on 10 Dec 02
- Requests interested offerors respond, highlight experience
- Responses due 10 Jan 03

Utilizing Industry Input in Developing Acquisition Strategy



SEIC Industry Day

- Held 16-17 Dec 02 @ MITRE Complex, Bedford, MA
- Discussed initial strategy with Industry
- Provided Mission Planning and JMPS background
- Presented mission planning demos
- 101 representatives from 58 companies attended
- Held 1-on-1 sessions with 13 companies
- Published answers to 89 Industry questions

Solid Initial Dialogue with Industry



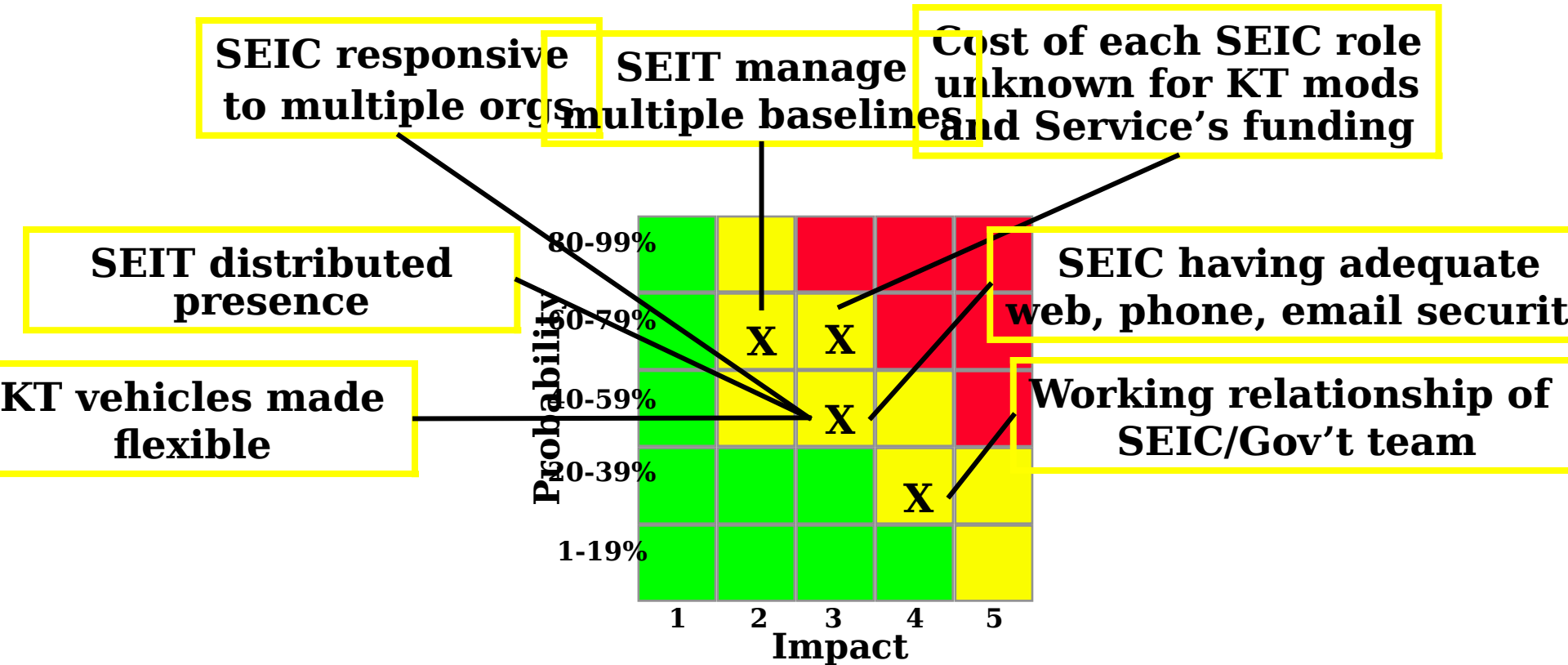
SEIT Contract Schedule

RFI Release	Nov 22
Reponses Due	Dec 23
Sources Sought Synopsis Release	Dec 10
Responses Due	Jan 10
SEIC Industry Day	Dec 16-17
Mission Planning Industry Day	Jan 9
Draft RFP Release	Jan
NOCA	Feb
RFP Release	Feb
Proposals Due	Mar
Contract Award	Apr

Aggressive Schedule Includes Early and Often Industry Involvement



SEIT Program Risks





SEIT CONOPS

- Multiplicity of SEIT roles is expected
- SEIC Roles and Responsibilities will evolve over time and may differ between Services
 - Roles between Gov't Organizations, SEIT Contractor, Framework Maintainer, and CC/UPC developers will be formally documented
- Periodic integration and releases of JMPS development
- Distributed environment for communications, test, integration, distribution, and management



Organizational Conflict of Interest (OCI)

- **The SEIT Contractor (SEIC) CANNOT develop any JMPS components or maintain the framework**
 - FAR 9.5 states: A contractor that provides systems engineering cannot be awarded a contract to supply the system, or be a subcontractor to a supplier of the system
 - Includes all sub-contractors and teaming arrangements
 - If you already are developing the JMPS framework, initial common capabilities, or UPCs, you cannot be the SEIC
 - A firewall around a separate business unit may be permissible
 - The PCO is the determination authority of OCI mitigation plan ASAP
- **Support contractors (ITSP/SETA) developing SEIT Acq Strategy with their companies competing**
 - Support contractors who have potential OCIs have the burden of proving they have the ability to implement an adequate OCI mitigation plan to create a firewall around any employees who may have an OCI
 - The PCO is the determination authority of OCI mitigation plan ASAP



Business Strategy

- Full and Open Competition
- ACAs will likely be required between SEIC and Mission Planning developers
- Award Criteria TBD
- Goal: Ordering flexibility to accommodate fluctuating SEIT roles and responsibilities
- 7-10 year ordering period
 - May include initial 2-3 year contract with 2-year options
- Envision some type of IDIQ contract – Specifics TBD




SEIC HERBB Page

Business Opportunities - Microsoft Internet Explorer provided by Hanscom AFB

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Address https://herbb.hanscom.af.mil/esc_opps.asp?rfp=R476 Go Links



Business Opportunities

Mission Planning System Engineering and Integration Contractor

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Acquisition Description

Acquisition Information

Program Manager

Contracting Officer

Page Manager

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Acquisition Description

Currently, the Gov't has been managing integration of mission planning software developments and integration activities across multiple contractors and services. The rapid growth of dozens of concurrent Joint Mission Planning Systems (JMPS) software developments across the services has necessitated the requirement for managing and integrating the JMPS enterprise beyond the capabilities of the current Gov't team. The SEIT concept for JMPS forms a distributed Gov't & Contractor team to help manage the mission planning enterprise. The Government is currently preparing to award a contract to an independent Systems Engineering and Integration Contractor (SEIC) to enhance the Gov't team to support the \$500M+ of upcoming developments that begin in FY04. The SEIC will not have responsibility for mission planning systems delivered to the field, rather they will be responsible for integrating the common capabilities with each other as well as to the JMPS framework. Platform Unique Planning Component (UPC) developers will be responsible for their platform's Mission Planning Environment that will include JMPS framework, common capabilities, and the platform Unique Planning Component (UPC).

Available Documents

Pre-solicitation Documents

File Description	Download Native Format	File Size	Download Acrobat Format	File Date
Sources Sought Synopsis	TXT	6,410		12/11/2002
Directions to MITRE Complex (Industry Day)	DOC	74,752		12/10/2002
Hotels near MITRE	DOC	37,888		12/10/2002
SEIC Industry Day Agenda	DOC	28,672		12/10/2002
MISSION PLANNING SYSTEM ENGINEERING AND INTEGRATION CONTRACT REQUEST FOR INFORMATION AND INDUSTRY DAY ANNOUNCEMENT	TXT	7,422		12/09/2002

NOTE: If you have problems downloading files, please e-mail the page manager, [Peter Modigliani](#).

Viewers for Microsoft Office 97 and several other applications are available [here](#).

Acquisition Information

[top](#)

CBD Category: **Professional, Admin; Management Support Services**

Solicitation Status: **Pre-Solicitation**

Acquisition Type: **Systems**

Acquisition Location: **Hanscom**

Last Update: **12/12/2002 3:41:49 PM**

Solicitation Number: **TBD**

Solicitation Release Date:

Proposal Due Date:

Contract Award Date:

NAIC Code:

Dollar Amount: **not releasable**

- Note: Original posting of RFI and SSS were on separate pages in HERBB (official posting dates).
- The date on this page reflects date uploaded here.

https://herbb.hanscom.af.mil/esc_opps.asp?rfp=R476



SEIT Sphere of Influence

- Key Products/ Provided by other contractors
 - JMPS Framework Software
 - JMPS Common Software
 - JMPS UPC Software
 - Legacy systems
- Goals
 - Foster the migration of legacy systems
 - JMPS integration to the battle space
- Influence varies for each software type and by level of support required by each of the Services.
- Influence begins at early conceptualization phase for
 - New software to be integrated into JMPS
 - Updates to existing JMPS related products

SEIC Plays a Role Within the Sphere



Optional Homework Assignment

<Fill in Task Title>	Government	SEIC	Framework Maintainer (~1 contractor)	CC developers ~40 capabilities (contra actor may build multiple capabilities)	UPC developers AF ~37 UPCs Navy 15 UPCs Army 11 UPC in starting 2005	Legacy Systems (PFPS, MPS, TAMPS, AMPS) (~1 contractor for each legacy system)
<Fill in task>	<Fill in sub-bullet in appropriate column>		<Fill in support role for other organizations>			

Include number of estimated people per task

Request Industry responses no later than 14 Jan 03

Responses will NOT be posted, yet “gold nuggets” from them may be incorporated into



Vision

- Help us provide Mission Planning Enterprise Solutions
 - Think Mission Planning first, then JMPS
 - Support the migration from legacy systems
- Define and implement MP Enterprise Architecture
 - If framework is robust enough, expand it
 - Explore integrating other components
- Critical Mission Planning teammate
 - Many challenges to tackle

Support Chief's Integration/Interoperability